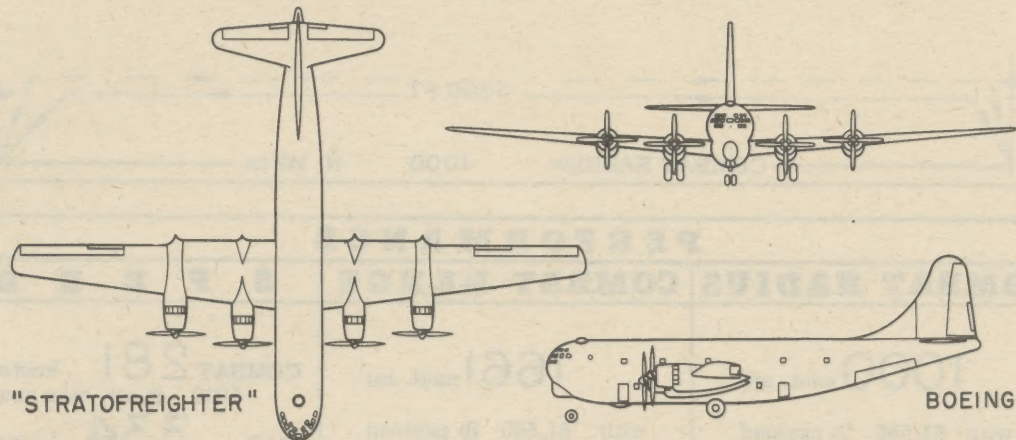


Characteristics Summary

CARGO. C-97C



Wing Area 1768.7 sq ft Length 110.3 ft
 Height 38.3 ft
 Span 141.2 ft Height (Fin folded) 26.6 ft

AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

STATUS

1. Contract approval: Mar 50
2. First flight: Jan 51
3. First acceptance: Jan 51
4. Production completed: Jun 51

5. Basically similar to the C-97A with the following changes: Cleveland Pneumatic Landing Gear, structural improvements to increase design gross weight and payload, forward cargo door (72" x 80").

Navy Equivalent: None

Mfr's Model: 367-4-29

POWER PLANT

(4) R-4360-65
 Pratt & Whitney

ENGINE RATINGS

BPH- RPM - ALT - MIN

T.O: *3500- 2700 - S.L. - 5

Mil: *3500- 2700 - 500 - 30
 3250- 2700 - 1000 - 30

Nor: 2650- 2550 - 5500 - Cont
 *Wet

Note: Increased altitude performance is available through use of external turbo supercharging.

FEATURES

Cabin Pressurization

Folding Fin & Rudder

Reverse Pitch Props

Thermal Anti-icing

F-1 Auto-Pilot

Power operated Cargo Hoist

Automatic Cabin Temperature Control

GENERAL

Crew 5

Troops (max) 130

or

Litters (max) 79

plus

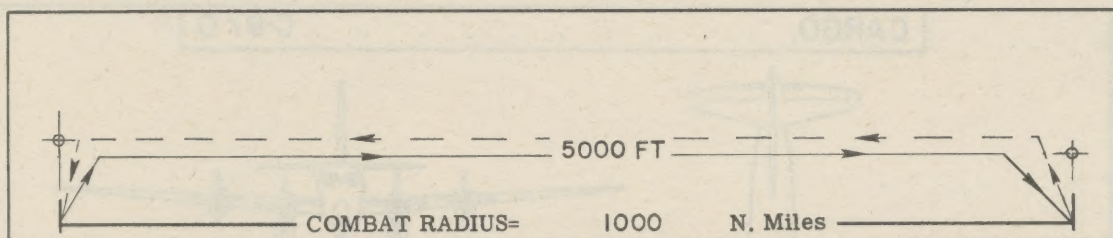
Attendants 4

or

Max Cargo *68,080 lb

*Limited by strength

Max Fuel Capacity: 7790 gal

Characteristics Summary Basic Mission. C-97C**P E R F O R M A N C E**

COMBAT RADIUS	COMBAT RANGE	S P E E D
1000 naut. mi with 61,560 lb payload at 182 knots avg. in 10.98 hours.	1661 naut. mi with 61,560 lb payload at 204 knots avg. in 8.15 hours.	COMBAT 281 knots at 5000 ft alt, max power MAX 334 knots at 26,000 ft alt, max power BASIC 331 knots at 25,000 ft alt, max power
C L I M B	C E I L I N G	T A K E - O F F
555 fpm sea level, take-off weight normal power	22,500 ft 100 fpm, take-off weight normal power	ground run 6500 ft no assist _____ ft assisted
2660 fpm sea level, combat weight maximum power	34,500 ft 500 fpm, combat weight maximum power	over 50 ft height 8150 ft no assist _____ ft assisted
L O A D	W E I G H T S	S T A L L I N G S P E E D
Cargo: 61,560 lb Fuel: 5453 gal protected 0 % droppable 0 % external 0 %	Empty..... 75,762 lb Combat... 94,080 lb Take - off 175,000 lb limited by strength	108 knots landing configuration, T.O. wt. T I M E T O C L I M B _____

N O T E S

- PERFORMANCE BASIS:
(a) Flight test
- REVISION BASIS: To revise power plant designation and guaranteed engine ratings.